Sheet 1 of 1

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Substitute Form PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
06501-052002Application No.
Unassigned**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant
Hiroaki Yamamoto

10/010593

Filing Date
November 9, 2001Group Art Unit 1652
Unassigned**U.S. Patent Documents**

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL	2977241						
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
DL	AQ	Linda G. Lee et al., "Enzyme-Catalyzed Organic Synthesis: A Comparison of Strategies for in Situ Regeneration of NAD from NADH", J. Am. Chem. Soc., 1985, 107- 6999-7088
DL	AR	Hironori Mori et al., "High Density Cultivation of Biomass in Fed-Batch System with Do-Stat", Journal of Chemical Engineering of Japan, Vol. 12, No. 4, 1979, pp. 313-319
DL	AS	Takahashi, J., Bioscience and Industry, Vol. 50, No. 11, 1992
	AT	

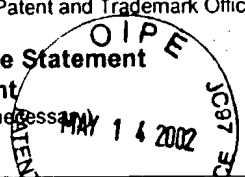
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3/13/04

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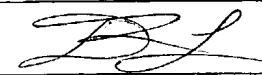
Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office 	Attorney's Docket No. 06501-052002	Application No. 10/010,593
		Applicant Hiroaki Yamamoto	
		Filing Date November 9, 2001	Group Art Unit 1633 1652

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,763,236	06/09/98	Kojima et al.			
	AB						
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	AF						
	AG						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
<i>DN</i>	AH	EP0875562A1	11/04/98	EPO				
<i>DN</i>	AI	WO97/11185	03/27/97	PCT				
<i>DN</i>	AJ	WO90/02193	03/08/90	PCT				
	AK							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
<i>DN</i>	AL	Godbole et al., "Regeneration of NAD(H) by alcohol dehydrogenase in gel-entrapped yeast cells", <i>Enzyme Microb. Technol.</i> , 1983, Vol. 5, pp. 125-128
<i>DN</i>	AM	Hummel, "Reduction of acetophenone to R(+)-phenylethanol by a new alcohol dehydrogenase from <i>Lactobacillus kefir</i> ," <i>Applied Microbiol. Biotechnol.</i> , (1990) 34:15-19

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		Filing Date Herewith	Group Art Unit Unknown 1652

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U.S. Patent Documents

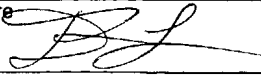
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Translation	
					Yes	No
Dr.	AB	3-232493	Oct. 16, 1991	JP	(Concise Explanation previously submitted in parent)	

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Dr.	AD	Usui et al., "Molecular cloning...", FEBS, 262:135-138, 1990
	AE	Su et al., "A cDNA Encoding...", DNA and Cell Biology, 9:657-665, 1990
	AF	Guo et al., "Transfected human...", Proc. Natl. Acad. Sci. USA, 90:8668-8672, 1993
	AG	Cali et al., "Characterization of...", The Journal of Biological Chemistry, 266:7774-7778, 1991
	AH	Cali et al., "Mutations in the Bible...", The Journal of Biological Chemistry, 266:7779-7783, 1991
	AI	Fu et al., "Cloning of Human...", Molecular Endocrinology, 11:1961-1970, 1997
	AJ	Fu et al., "Complete Structure of...", DNA and Cell Biology, 16:1499-1507, 1997
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	AL	Monkawa et al., "Molecular Cloning...", Biochemical and Biophysical Research Communications, 239:527-533, 1997
	AM	Takeyama et al., "25-Hydroxyvitamin...", Science, 277:1827-1830, 1997
	AN	GenBank Accession No. AB005990, 31-July-1997
	AO	GenBank Accession No. AB001992, 13-May-1999
	AP	GenBank Accession No. AA877142, 29-April-1998
	AQ	Imai et al., "ERC-55, a Binding...", Biochemical and Biophysical..., 233:765-769, 1997
	AR	Wakino et al., "Evidence for 54-kD...", Gerontology, 42:67-77, 1996
	AS	Axén, E., "Purification from pig...", FEBS, 375:277-279, 1995
	AT	Burgos-Trinidad et al., "Immunopurified 25-Hydroxyvitamin D...", The Journal of Biological Chemistry, p. 267:3498-3505, 1992
Dr.	AU	Warner, M., "Catalytic Activity of Partially...", The Journal of Biological Chemistry, 257:12995-13000, 1982

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		Filing Date Herewith 11/9/2001	Group Art Unit Unknown 1652

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
<i>DR</i>	AV	Bone, J., Min. Res., Vol. 11, Suppl., p. 117, 1996
	AW	Takeyama et al., " Retinoic Acid Differentially... " Biochemical and Biophysical Research Communications, 222:395-400, 1996
	AX	Mano et al., " Positive and Negative... " The Journal of Biological Chemistry, 269:1591-1594, 1994
	AY	Ebihara et al., " Intron Retention Generates... " Molecular and Cellular Biology, 16:3393-3400, 1996
	AZ	Sakaki et al., " Molecular Engineering Study... " The Journal of Biological Chemistry, 271:26209-26213, 1996
	BA	Dilworth et al., " Different Mechanisms of... " The Journal of Biological Chemistry, 270:16766-16774, 1995
	BB	Takahashi, J., Bioscience and Industry, 50:1115-1118, 1992 (Concise Explanation Attached)
	BC	Martin et al., "Effect of oxygen supply during growth on the production of cytochromes, enzymes, and acid end products by Haemophilus parasuis", Can J Microbiol, 38(9):958-68, 1992
	BD	Matsushi et al., "Generation mechanism and purification of an inactive form convertible in vivo to the active form of quinoprotein alcohol dehydrogenase in Gluconobacter suboxydans," J Bacteriol 177(22):6552-9, 1995
<i>DR</i>	BE	Yamamoto et al., "Cloning and expression in Escherichia coli of a gene coding for a secondary alcohol dehydrogenase from Candida parapsilosis", Biosci Biotechnol Biochem, 63(6):1051-5, 1999

Examiner Signature <i>DR</i>	Date Considered 3/13/04
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